

Yamaha NS1000(M) Crossover Upgrade Kit

Designed by Troels Gravesen



“The new crossover is designed to maintain the basic virtues of the old crossover, i.e. points of crossover have not been changed.

The improvements in sound comes from:

- 1/ Re-designing the bass driver’s low-pass section*
- 2/ Smoothing out the drivers’ roll-off slopes.*
- 3/ Substituting all electrolytics with state of the art super caps.*
- 4/ Using better coils; thick-wire cored for bass and wax foil-coil for mid (using air cored coils for the bass does not improve performance).”*

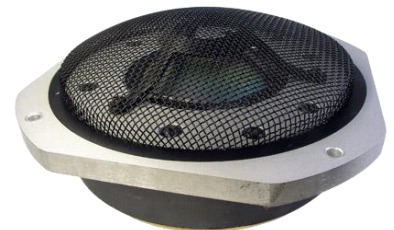
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Drivers:

**Yamaha
JA3055A
Woofers**
(Not included in DIY kit)



**Yamaha
JA0801
Mid-range drivers**
(Not included in DIY kit)



**Yamaha
JA0513
Tweeters**
(Not included in DIY kit)



Crossover components options (levels):

Level 1:

Inductors:

Wax Coils (foil inductors)
Air & Iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters: Alumen Z-Caps



Midrange: Silver Z-Caps



Other: Cross Caps



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Crossover components options (levels):

Level 2:

Inductors:

Wax Coils (foil inductors)
Air & Iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters: Silver Z-Caps



Midrange: Silver Z-Caps



Other: Cross Caps



Crossover components options (levels):

Level 3:

Inductors:

Wax Coils (foil inductors)
Air & Iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters: Standard Z-Caps



Midrange: Standard Z-Caps



Other: Cross Caps



What else is included in the DIY kit?

Accessories included in the DIY kit as standard:

Binding post terminals
PFTF insulated silver infused cables for internal wiring
Solder tag strips
SuperFix component fastening glue



Pricelist

(Click here)

Optional accessories

(Click here)

Complete design article

(Click here)

Contact us to buy a DIY kit

(Click here)

General information:

- The prices mentioned in the pricelist are excluding shipping costs
- The “closed schematic” DIY kits can only be purchased directly from Jantzen Audio
- Crossover schematics & values for the “closed” DIY kits are not sold separately
- All crossover components must be purchased
- Drivers, Hypex, damping materials and accessories are optional (some exceptions)
- We do not offer pre-assembled crossovers

Customization:

- Only the capacitors can be upgraded (when applicable)
- We do not offer to downgrade any components to a lower grade than included in the existing kit version / levels

Cabinets:

- Cabinet materials are not included
- We do not offer readymade cabinets

Build instructions include:

- A printed instruction containing, the component values list, the crossover schematic, a crossover component placement drawing and the wiring chart